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Synopsis of the Parasites of Vertebrates of Canada

Edited by Murray J. Kennedy

Nematodes of Birds

Pooi Leng Wong
Cheryl M. Bartlett
Lena N. Measures
Marilyn A. McNeill
Roy C. Anderson

Alberta
AGRICULTURE
Animal Health Division

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Edited by Murray J. Kennedy[1]

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ABSTRACT

One hundred and sixty-two species of nematodes reported in birds in Canada are listed with their hosts, sites in hosts, synonyms, known distributions in Canada and references. The numbers of species according to superfamilies are as follows: Dioctophymatoidea - 2; Trichinelloidea - 12; Muspicioidea - 1; Rhabditoidea - 1; Strongyloidea - 4; Trichostrongyloidea - 9; Heterakoidea - 5; Ascaridoidea - 15; Dracunculoidea - 2; Thelazioidea - 1; Spiruroidea - 1; Habronematoidea - 17; Acuarioidea - 45; Diplotriaenoidea - 15; Aproctoidea - 4 and Filarioidea - 26.

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INTRODUCTION

One hundred and sixty-two species of nematodes representing 16 superfamilies have been reported in birds in Canada. A list of this kind is undoubtedly biased because it reflects the interests of specialized workers in Canada. Thus, the superfamilies Acuarioidea, Ascaridoidea, Dioctophymatoidea, Filarioidea and Diplotriaenoidea are relatively well studied whereas other superfamilies are not well represented.

Most Canadian birds migrate to southern latitudes where they acquire a number of nematodes which may persist and be collected in Canada; some acuarioids are of this type. On the other hand, birds acquire some species on the breeding grounds in Canada; filarioids transmitted by biting flies and lice are good examples. Numerous species of nematodes acquired in Canada are short-lived and each spring and summer a new population of nematodes are acquired by the birds in Canada; acuarioids and dioctophymatoids of piscivorous birds are good examples of the latter phenomemon since the infective larvae persist in fish populations in Canadian freshwater lakes. Ascaridoids of passeriform birds are acquired in Canada from ingestion of earthworms in which infective larvae have persisted over winter.

Information in this synopsis excludes reports of microfilariae and diseases caused by nematodes.

The classification of nematodes follows the CIH Keys to the *Nematode Parasites of Vertebrates* by Anderson et al. (1974-1983). Names of birds are according to the American Ornithologists' Union *Checklist of the Birds of North America* (1983) and *The Complete Checklist of Birds of the World* by Howard and Moore (1984).

PARASITE-HOST LIST

SUBCLASS ADENOPHOREA
ORDER ENOPLIDA

SUPERFAMILY DIOCTOPHYMATOIDEA
FAMILY DIOCTOPHYMATIDAE
SUBFAMILY EUSTRONGYLINAE

Eustrongylides mergorum Rudolphi, 1809
Syns: *Eustrongylides elegans* (Olfers, 1816)
Spiroptera inflata Mehlis, 1846
Tropidocerca paradoxa Diesing, 1851
Site: stomach
Hosts: "mergansers" (1)
Uria aalge (2)
Uria lomvia (2)
Dist: BC, Nfld
Records: 1. Shillinger 1936 (BC); 2. Threlfall 1971 (Nfld)

Eustrongylides tubifex (Nitzsch in Rudolphi, 1819)
Syns: *Strongylus tubifex*
Eustrongylides perpapillatus Jagerskiold, 1909
Site: proventriculus
Hosts: *Ardea herodias*
Gavia immer
Mergus merganser
Mergus serrator
Dist: Ont, NB
Record: Measures 1987

SUPERFAMILY TRICHINELLOIDEA
FAMILY TRICHURIDAE
SUBFAMILY CAPILLARIINAE

Capillaria anatis (Schrank, 1790)
Site: caecum, small intestine, body cavity
Hosts: *Anas rubripes* (1,4)
Aythya collaris (3)
Bucephala clangula (1,4)
Lophodytes cucullatus (2)
Melanitta perspicillata (5)
Dist: BC, NB, Nfld, Ont, Que
Records: 1. Mawson 1956b (Que); 2.Bain and Threlfall 1977 (Ont); 3. Noseworthy and Threlfall 1978 (Ont); 4. Mahoney and Threlfall 1978 (NB, Nfld, Ont); 5. Bourgeois and Threlfall 1982 (BC, NB, Nfld)

Capillaria caudinflata (Molin, 1858)
Site: intestine
Host: *Turdus migratorius*
Dist: Que
Record: Mawson 1956b

Capillaria columbae (Rudolphi, 1819)
Site: duodenum, ileum
Host: *Gallus gallus*
Dist: Man
Record: Hodasi 1966

Capillaria contorta (Creplin, 1839)
Site: oesophagus
Hosts: *Anas discors* (1)
Gallinago gallinago (2)
Larus argentatus (3)
Passerella iliaca (4)
Dist: Nfld, Que
Records: 1. Mawson 1956b (Que); 2. Threlfall 1968b; 3. Threlfall 1968c; 4. Jewer and Threlfall 1978

Capillaria falconis-nisi (Diesing, 1851)
Site: intestine
Hosts: "owl"
Bubo virginianus
Dist: Que
Record: Mawson 1956b

Capillaria mergi Madsen, 1945
Site: small intestine
Host: *Bucephala clangula*
Dist: Nfld, Ont
Record: Mahoney and Threlfall 1978

Capillaria nyrocinarum Madsen, 1945
Site: caecum, small intestine
Hosts: *Melanitta fusca*
Melanitta nigra
Melanitta perspicillata
Dist: BC, NB, Nfld
Record: Bourgeois and Threlfall 1982

Capillaria obsignata Madsen, 1945
Site: caecum
Hosts: *Aechmophorus occidentalis* (2,3)
Anas rubripes (1)
Podiceps auritus (2,3)
Podiceps grisegena (2,3)
Podiceps nigricollis (2,3)
Dist: Alta, NB, Nfld
Records: 1. Mahoney and Threlfall 1978 (NB, Nfld); 2. Stock and Holmes 1987 (Alta); 3. Stock and Holmes 1988 (Alta)

Capillaria ovopunctatum (Linstow, 1873)
Syn: *Capillaria quiscala* Read, 1949
Site: small intestine

Hosts: *Quiscalus quiscula versicolor* (1,2)
Sturnus vulgaris (1)
Dist: Man, Que
Records: 1. Mawson 1956b (Que); 2. Hodasi 1963 (Man)

Capillaria spinulosa (Linstow, 1848)
Site: caecum
Host: *Anas rubripes*
Dist: NB, Nfld
Record: Mahoney and Threlfall 1978

Capillaria tridens (Dujardin, 1845)
Site: small intestine
Host: *Pipilo erythropthalmus*
Dist: Man
Record: Hodasi 1963

Capillaria species
Site: oesophagus
Hosts: "ducks, geese and swans" (2)
Anas platyrhynchos (domestic) (1)
Anas rubripes (1,4,6)
Bucephala clangula (1,3)
Ceryle alcyon (7)
Corvus brachyrhynchos (1)
Larus delawarensis (3)
Phasianus colchicus (5)
Dist: NB, Nfld, Ont, Que
Records: 1. Mawson 1956b (Que); 2. Karstad and Sileo 1971 (Ont); 3. Sileo et al. 1977 (Ont); 4. Mahoney and Threlfall 1978 (NB, Nfld, Ont); 5. Blanchard and Saint-Jacques 1979 (Que); 6. McLaughlin and Burt 1979 (NB); 7. Scott 1984 (Que)

SUPERFAMILY MUSPICIOIDEA
FAMILY ROBERTDOLLFUSIDAE

Robertdollfusa species
Site: oesophageal region of body cavity
Host: *Larus argentatus*
Dist: Nfld
Record: Threlfall 1968c

SUBCLASS SECERNENTEA
ORDER RHABDITIDA

SUPERFAMILY RHABDITOIDEA
FAMILY STRONGYLOIDIDAE

Strongyloides species
Site: intestine
Host: *Ceryle alcyon*
Dist: Que
Record: Scott 1984

ORDER STRONGYLIDA

SUPERFAMILY STRONGYLOIDEA
FAMILY SYNGAMIDAE
SUBFAMILY SYNGAMINAE

Cyathostoma bronchialis (Muehling, 1884)
Site: trachea
Host: *Branta canadensis*
Dist: Ont
Record: Fernando et al. 1973

Cyathostoma lari (Blanchard, 1849)
Site: trachea
Host: *Larus argentatus*
Dist: Nfld
Record: Threlfall 1968c

Cyathostoma species
Site: trachea
Host: "ducks, geese and swans"
Dist: Ont
Record: Karstad and Sileo 1971

Syngamus trachea Siebold, 1836
Site: trachea
Hosts: *Agelaius phoenicus* (2)
Ceryle alcyon (5)
Passerella iliaca (3)
Phasianus colchicus (1,4)
Seiurus noveboracensis (3)
Dist: Nfld, Ont, Que
Records: 1. Kingscote 1957 (Ont); 2. Rau et al. 1978 (Que); 3. Jewer and Threlfall 1978 (Nfld); 4. Blanchard and Saint-Jacques 1979 (Que); 5. Scott 1984 (Que)

SUPERFAMILY TRICHOSTRONGYLOIDEA
FAMILY AMIDOSTOMATIDAE
SUBFAMILY AMIDOSTOMATINAE

Amidostomum acutum (Lundahl, 1848)
Site: gizzard, under lining
Hosts: *Anas crecca* (2)
Anas discors (2)
Anas rubripes (3)
Bucephala clangula (3)
Melanitta fusca (4)
Melanitta nigra (4)
Melanitta perspicillata (4)
Somateria mollissima (1)
Dist: BC, NB, Nfld, NS, Ont
Records: 1. Bishop and Threlfall 1974 (Nfld); 2. Turner and Threlfall 1975 (NB, NS); 3. Mahoney and Threlfall 1978 (NB, Nfld, Ont); 4. Bourgeois and Threlfall 1982 (BC, NB, Nfld)

Amidostomum anseris (Zeder, 1800)
Site: gizzard, under lining
Hosts: "geese" (1,6)
"gosling" (5)
Anas acuta (9)
Anas platyrhynchos (3,9)
Branta canadensis (4,10)
Branta species (2)
Bucephala clangula (8)
Chen caerulescens (11)
Cygnus buccinator (8)
Cygnus columbianus (8)
Cygnus species (7)
Dist: BC, Man, Ont
Records: 1. Cram 1928 (Ont); 2. Swales 1933 (Ont); 3. Wickware 1940 (Ont); 4. Wickware 1941 (Ont); 5. McCraw 1952 (BC); 6. Oliver 1952 (Ont); 7. Mawson 1956c (unspecified); 8. MacNeill 1970 (BC); 9. Crichton and Welch 1972 (Man); 10. MacNeill and Barnard 1978 (BC); 11. Tuggle and Crites 1984 (Ont)

Amidostomum cygni Wehr, 1933
Site: gizzard, under lining
Hosts: *Cygnus columbianus*
Gavia stellata
Somateria spectabilis
Dist: Que
Record: Mawson 1956c

Amidostomum spatulatum Baylis, 1932
Site: gizzard, under lining
Hosts: *Chen caerulescens* (2)
Chen caerulescens atlanticus (1)
Dist: Ont
Records: 1. Mawson 1956c (unspecified); 2. Tuggle and Crites 1984 (Ont)

Amidostomum species
Site: gizzard, under lining
Hosts: "ducks, geese and swans" (3)
"wild swans" (4)
Anas clypeata (2)
Anas discors (1)
Chen caerulescens (4)
Cygnus columbianus (5)
Cygnus buccinator (5)
Melanitta perspicillata (6)
Dist: BC, Man, NB, Nfld, Ont
Records: 1. Buscher 1965 (Man); 2. Buscher 1966 (Man); 3. Karstad and Sileo 1971 (Ont); 4. MacNeill and Barnard 1978 (BC); 5. McKelvey and MacNeill 1981 (BC); 6. Bourgeois and Threlfall 1982 (BC, NB, Nfld)

SUBFAMILY EPOMIDIOSTOMUM

Epomidiostomum crami Wetzel, 1931
Site: gizzard, under lining
Hosts: *Chen caerulescens* (3)
Aythya collaris (2)
Bucephala clangula (1)
Dist: NB, Ont
Records: 1. Mahoney and Threlfall 1978 (Ont); 2. Noseworthy and Threlfall 1978 (NB, Ont); 3. Tuggle and Crites 1984 (Ont)

Epomidiostomum uncinatum (Lundahl, 1848)
Site: gizzard, under lining
Hosts: *Anas acuta* (1,3)
Anas clypeata (1)
Anas crecca (4)
Anas discors (2,4)
Anas platyrhynchos (3)
Anas rubripes (5)
Anas strepera (1)
Melanitta nigra (6)
Dist: BC, Man, NB, Nfld, NS
Records: 1. Buscher 1965 (Man); 2. Buscher 1966 (Man); 3. Crichton and Welch 1972 (Man); 4. Turner and Threlfall 1975 (NB, NS); 5. Mahoney and Threlfall 1978 (NB, Nfld); 6. Bourgeois and Threlfall 1982 (BC, NB, Nfld)

FAMILY TRICHOSTRONGYLIDAE
SUBFAMILY TRICHOSTRONGYLINAE

Trichostrongylus tenuis (Mehlis, 1846)
Site: caecum
Hosts: *Anser anser* (1)
Chen caerulescens atlanticus (2)
Chen caerulescens (2)
Dist: NWT, Ont
Records: 1. Griffiths 1947 (Ont); 2. Mawson 1956c (NWT)

FAMILY ORNITHOSTRONGYLIDAE
SUBFAMILY ORNITHOSTRONGYLINAE

Ornithostrongylus quadriradiatus (Stevenson, 1904)
Site: unspecified
Hosts: *Columba livia* (1)
Columba species (2)
Dist: Ont, unspecified
Records: 1. Glover 1947 (Ont); 2. Speckman 1976 (unspecified)

ORDER ASCARIDIDA

SUPERFAMILY HETERAKOIDEA
FAMILY HETERAKIDAE
SUBFAMILY HETERAKINAE

Heterakis gallinarum (Schrank, 1788)
Syn: *Heterakis gallinae* (Gmelin, 1790)
Site: caecum
Host: *Gallus gallus*
Dist: Man, Sask
Records: 1. Hodasi 1966 (Man); 2. Riddell and Gajadhar 1988 (Sask)

Heterakis isolonche Linstow, 1906
Site: caecum
Host: *Phasianus colchicus*
Dist: Ont
Records: 1. Swales 1933; 2. Mitchell 1953

FAMILY ASCARIDIIDAE

Ascaridia compar (Schrank, 1790)
Site: caecum
Host: *Lagopus lagopus*
Dist: Nfld
Record: Threlfall 1968b

Ascaridia galli (Schrank, 1788)
Syns: *Ascaridia lineata* Schneider, 1866
Ascaridia bonasae Wehr, 1940
Site: caecum
Hosts: *Bonasa umbellus* (1,3,4)
Gallus gallus (2)
Dist: Man, Ont
Records: 1. Clarke 1936 (Ont); 2. Hodasi 1966 (Man); 3. Anon. 1967 (Ont): 4. Fyvie and Addison 1979 (Ont)

Ascaridia species fourth-stage larvae
Site: intestine
Host: *Meleagris gallopavo*
Dist: Ont
Record: Hemsley 1971

SUPERFAMILY ASCARIDOIDEA
FAMILY ANISAKIDAE
SUBFAMILY GOEZIINAE

Contracaecum anasi Mawson, 1956
Site: unspecified
Host: *Anas rubripes*
Dist: Que
Record: Mawson 1956a

Contracaecum magnicollare Johnston and Mawson, 1941
Site: unspecified
Host: *Diomedea* species
Dist: BC
Record: Mawson 1956a

Contracaecum microcephalum (Rudolphi, 1809)
Site: gizzard, under lining
Host: *Botaurus lentiginosus*
Dist: Nfld
Record: Threlfall 1968b

Contracaecum ovale Linstow, 1907
Site: intestine
Hosts: *Aechmophorus occidentalis*
Podiceps auritus
Podiceps grisegena
Podiceps nigricollis
Dist: Alta
Records: 1. Stock and Holmes 1987; 2. Stock and Holmes 1988

Contracaecum pelagicum Johnston and Mawson, 1942
Site: unspecified
Host: *Diomedea* species
Dist: BC
Record: Mawson 1956a

Contracaecum podicipitis Johnston and Mawson, 1949
Site: unspecified
Host: *Podilymbus podiceps*
Dist: unspecified
Record: Mawson 1956a

Contracaecum spiculigerum (Rudolphi, 1809)
Site: gizzard
Hosts: *Alca torda* (5)
Larus argentatus (4)
Larus marinus (2)
Phalacrocorax auritus (1)
Podilymbus podiceps (3)
Rissa tridactyla (2)
Uria aalge (5)
Uria lomvia (5)
Dist: NB, Nfld
Records: 1. Mawson 1956a (NB); 2. Threlfall 1968a (Nfld); 3. Threlfall 1968b (Nfld); 4. Threlfall 1968c (Nfld); 5. Threlfall 1971 (Nfld)

Contracaecum yamaguti Mawson, 1956
Site: unspecified
Hosts: *Mergus merganser*
Dist: unspecified
Record: Mawson 1956a

Contracaecum species
Site: proventriculus (1)
unspecified (2)
Hosts: *Larus argentatus* (2)
Puffinus gravis (1)
Dist: Nfld
Records: 1. Bourgeois and Threlfall 1979 (Nfld); 2. Threlfall 1968c (Nfld)

FAMILY ASCARIDIDAE
SUBFAMILY TOXOCARINAE

Porrocaecum brevispiculum Webster, 1943
Site: small intestine
Host: *Passerella iliaca*
Dist: Nfld
Records: 1. Threlfall 1968b 2. Jewer and Threlfall 1978

Porrocaecum depressum (Zeder, 1800)
Site: intestine
Host: *Bubo virginianus*
Dist: Alta, Man
Records: 1. Morgan and Schiller 1950 (Man); 2. Ramalingam and Samuel 1978 (Alta)

Porrocaecum ensicaudatum (Zeder, 1800)
Site: gizzard, under lining and small intestine
Hosts: *Corvus brachyrhynchos* (1)
Molothrus ater (1)
Quiscalus quiscula (1,2)
Sturnus vulgaris (2)
Turdus migratorius (1,2)
Dist: Ont, Que
Records: 1. Mawson 1956a (Que); 2. McNeill 1988 (Ont)

Porrocaecum semiteres (Zeder, 1800)
Site: unspecified
Host: *Larus argentatus*
Dist: Nfld
Record: Threlfall 1968c

Porrocaecum trichuriforme Mawson, 1956
Site: unspecified
Hosts: *Bubo virginianus*
Falco peregrinus anatum
Dist: Ont
Record: Mawson 1956a

Porrocaecum species
Site: intestine (2), unspecified (1)
Hosts: *Agelaius phoeniceus* (2)
Corvus brachyrhynchos (1)
Turdus migratorius (1)
Dist: Que
Records: 1. Rayner 1932; 2. Rau et al. 1978

Ascarididae, unidentified larvae
Site: intestine
Hosts: *Corvus brachyrhynchos* (1)
Meleagris gallopavo (2)
Dist: Man, Nfld
Records: 1. Andrews and Threlfall 1975 (Nfld); 2. Neufeld 1987 (Man)

ORDER SPIRURIDA

SUPERFAMILY DRACUNCULOIDEA
FAMILY DRACUNCULIDAE

Avioserpens nana Mawson, 1957
Site: unspecified
Host: *Ardea herodias*
Dist: Que
Record: Mawson 1957

Avioserpens species
Site: connective tissue between oesophagus and trachea
Hosts: *Botaurus lentiginosus*
Ixobrychus exilis
Dist: Ont, Que
Record: Gibson 1973

SUPERFAMILY THELAZIOIDEA
FAMILY THELAZIDAE
SUBFAMILY OXYSPIRURINAE

Oxyspirura petrowi Skrjabin, 1929
Syn: *Oxyspirura lumsdeni* Addison and Anderson, 1969
Site: orbits
Hosts: *Bonasa umbellus*
Centrocercus urophasianus
Tympanuchus phasianellus
Tympanuchus cupido
Dist: Ont, Sask
Record: Addison and Anderson 1969

SUPERFAMILY SPIRUROIDEA
FAMILY SPIROCERCIDAE
SUBFAMILY ASCAROPSINAE

Physocephalus sexalatus third-stage larvae
Site: serosa of small and large intestine and mesentery
Hosts: *Bartramia longicauda*
Numenius americanus
Dist: Alta, Man
Record: Bartlett et al. 1987

SUPERFAMILY HABRONEMATOIDEA
FAMILY HABRONEMATIDAE
SUBFAMILY HABRONEMATINAE

Cyrnea americanum Chandler, 1941
Site: proventriculus, gizzard
Host: *Bubo virginianus*
Dist: Alta
Record: Ramalingam and Samuel 1978

Cyrnea longispicula Walton, 1927
Site: proventriculus, gizzard
Host: *Nyctea scandiaca*
Dist: Alta
Record: Ramalingam and Samuel 1978

Habronema mansioni Seurat, 1914
Syns: *Spiroptera longistriata* Molin, 1859
Cheilospirura longistriata
Site: gizzard, under lining
Hosts: *Buteo jamaicensis borealis*
Falco peregrinus anatum
Dist: Que, Sask
Record: Mawson 1956e

SUBFAMILY HISTIOCEPHALINAE

Stellocaronema skrjabini Gilbert, 1930
Syn: *Stellocaronema glareolae* Mawson, 1968
Site: gizzard, under lining
Hosts: *Bartramia longicauda* (3)
Calidris alba (1,2,3)
Calidris alpina (1,2,3)
Calidris himantopus (3)
Calidris mauri (1)
Calidris minutilla (3)
Calidris pusilla (3)
Catoptrophorus semipalmatus inornatus (2,3)
Charadrius semipalmatus (2)
Limosa fedoa (2,3)
Limnodromus scolopaceus (3)
Phalaropus lobatus (2)
Tringa melanoleuca (2)
Dist: Alta, BC, Man, NB, Sask
Records: 1. Adams and Gibson 1969 (BC); 2. Wong 1985 (Alta, Man); 3. Wong and Anderson in press (Alta, NB, Sask)

FAMILY TETRAMERIDAE
SUBFAMILY TETRAMERINAE

Microtetrameres bubo Schell, 1953
Site: proventriculus, gizzard
Host: *Bubo virginianus*
Dist: Alta
Record: Ramalingam and Samuel 1978

Microtetrameres canadensis Mawson, 1956
Site: proventriculus
Hosts: *Ardea herodias*
Nyctea scandiaca
Dist: Que
Record: Mawson 1956d

Microtetrameres helix Cram, 1927
Site: proventriculus
Host: *Corvus brachyrhynchos*
Dist: Man, Que
Records: 1. Mawson 1956e (Que); 2. Hodasi 1963 (Man)

Microtetrameres species
Site: proventriculus
Hosts: *Agelaius phoeniceus* (2,5)
Nyctea scandiaca (3)
Quiscalus quiscula versicolor (1)
Tyrannus tyrannus (4)
Dist: Alta, Man, Que
Records: 1. Hodasi 1963 (Man); 2. Rau et al. 1978 (Que); 3. Ramalingam and Samuel 1978 (Alta); 4. MacKenzie et al. 1979 (Man); 5. Hood and Welch 1980 (Man)

Tetrameres ardamericanus Boyd, 1966
Site: proventriculus
Host: *Ardea herodias*
Dist: Ont
Record: Boyd 1966

Tetrameres crami Swales, 1933
Site: proventriculus
Host: *Anas platyrhynchos* (domestic)
Dist: Ont, Que
Records: 1. Swales 1933a,b (Ont); 2. Swales 1936 (Que)

Tetrameres fissispina (Diesing, 1861)
Syns: *Tropidocerca fissispina*
Tropisurus fissispina
Acanthophorus horridus Linstow, 1876
Acanthophorus tenuis Linstow, 1876
Filaria pulicis Linstow, 1894
Site: proventriculus
Hosts: *Anas rubripes* (1)
Aythya collaris (2)
Melanitta fusca (3)
Melanitta nigra (3)
Melanitta perspicillata (3)
Dist: BC, NB, Nfld, Ont
Records: 1. Mahoney and Threlfall 1978 (NB, Nfld); 2. Noseworthy and Threlfall 1978 (Ont); 3. Bourgeois and Threlfall 1982 (BC, NB, Nfld)

Tetrameres occinea (Seurat, 1914)
Site: proventriculus
Host: *Phoenicopterus ruber*
Dist: Nfld
Record: Threlfall 1981

Tetrameres ryjikovi Khuan, 1961
Site: proventriculus
Hosts: *Anas crecca* (1)
Anas discors (1)
Bucephala clangula (2)
Dist: Nfld, Ont
Records: 1. Turner and Threlfall 1975 (Nfld); 2. Mahoney and Threlfall 1978 (Nfld, Ont)

Tetrameres somateriae Ryzhikov, 1963
Site: proventriculus
Hosts: *Melanitta fusca* (1)
Melanitta nigra (1)
Melanitta perspicillata (1)
Somateria mollissima (2)
Dist: BC, NB, Nfld
Records: 1. Bourgeois and Threlfall 1982 (BC, NB, Nfld); 2. Bishop and Threlfall 1974 (Nfld)

Tetrameres spinosa (Maplestone, 1931)
Syn: *Echinuria spinosa*
Site: proventriculus
Hosts: *Melanitta fusca*
Melanitta nigra
Melanitta perspicillata
Dist: BC, NB, Nfld
Record: Bourgeois and Threlfall 1982

Tetrameres species
Site: proventriculus
Hosts: "ducks, geese and swans" (1)
Agelaius phoeniceus (7)
Anas rubripes (4)
Aythya collaris (5)
Bucephala clangula (4)
Catoptrophorus semipalmatus inornatus (9)
Larus delawarensis (2)
Melanitta fusca (8)
Melanitta perspicillata (8)
Lophodytes cucullatus (3)
Puffinus gravis (6)
Dist: Alta, BC, Man, NB, Nfld, Ont
Records: 1. Karstad and Sileo 1971 (Ont); 2. Sileo et al. 1977 (Ont); 3. Bain and Threlfall 1977 (Ont); 4. Mahoney and Threlfall 1978 (unspecified); 5. Noseworthy and Threlfall 1978 (Ont); 6. Bourgeois and Threlfall 1979 (BC, NB, Nfld); 7. Hood and Welch 1980 (Man); 8. Bourgeois and Threlfall 1982 (NB, Nfld, Ont); 9. Wong and Anderson unpublished data (Alta)

SUBFAMILY GEOPETITIINAE

Geopetitia aspiculata Webster, 1971
Site: proventriculus
Hosts: *Anitibyx armatus*
Chloropsis hardwickei
Irena puella
Minla cyanouroptera
Myiophoneus caeruleus
Phoeniculus purpureus
Pitangus sulphuratus
Pycnonotus cafer
Pycnonotus jocosus
Saltator coerulescens
Tachyphonus rufus
Thraupis episcopus
Thraupis palmarum
Dist: Man (all the birds were from the Assiniboine Park Zoo, Winnipeg)
Record: Bartlett et al. 1984

SUPERFAMILY ACUARIOIDEA
FAMILY ACUARIIDAE
SUBFAMILY ACUARIINAE

Acuaria anthuris (Rudolphi, 1819)
Syns: *Spiroptera anthuris*
Filaria anthuris
Dispharagus anthuris
Acuaria ornata (Gendre, 1912)
Site: gizzard, under lining
Host: *Corvus brachyrhynchos*
Dist: Ont, Que
Records: 1. Mawson 1956e (Que); 2. Wong unpublished data (Ont)

Acuaria species
Site: gizzard, under lining
Hosts: "ducks, geese and swans" (1)
Numenius americanus (3)
Tyrannus tyrannus (2)
Tyrannus verticalis (2)
Dist: Alta, Man, Ont
Records: 1. Karstad and Sileo 1971 (Ont); 2. MacKenzie et al. 1979 (Man); 3. Wong and Anderson unpublished data (Alta)

Cheilospirura spinosa (Cram, 1927)
Syn: *Acuaria spinosa*
Site: gizzard, under lining
Hosts: *Bonasa umbellus* (1)
Callipepla californica (2)
Tympanuchus phasianellus (1)
Dist: BC, Ont
Records: 1. Clarke 1936 (Ont); 2. Chandler 1970 (BC)

Chevreuxia americana Schmidt, 1968
Site: gizzard, under lining
Hosts: *Charadrius vociferus*
Pluvialis squatarola
Recurvirostra americana
Dist: Alta, Man
Record: Wong and Anderson unpublished data

Cosmocephalus capellae Yamaguti, 1935
Site: oesophagus
Host: *Gallinago gallinago*
Dist: Ont
Record: Threlfall 1968d

Cosmocephalus obvelatus (Creplin, 1825)
Syns: *Spiroptera obvelatus*
Filaria obvelatus
Dispharagus obvelatus
Cosmocephalus diesingi Molin, 1858
Spiroptera adunca Stossich, 1892
Cosmocephalus aduncus Yorke and Maplestone, 1926
Cosmocephalus obvelatus magnus Vasilkova, 1926
Cosmocephalus faridi Khalil, 1931
Cosmocephalus firlottei Rao, 1951
Cosmocephalus tanakai Rodrigues and Vicente, 1963
Site: oesophagus
Hosts: *Bombycilla cedrorum* (3)
Catoptrophorus semipalmatus inornatus (8)
Larus argentatus (1,4)
Larus delawarensis (6,7)
Larus marinus (2)
Limosa fedoa (8)
Phalaropus tricolor (8)
Rissa tridactyla (2)
Tringa flavipes (8)
Uria aalge (5)
Dist: Alta, Nfld, Ont, Que
Records: 1. Rao 1951 (Que); 2. Threlfall 1968a (Nfld); 3. Threlfall 1968b (Nfld) 4. Threlfall 1968c (Nfld); 5. Threlfall 1971 (Nfld); 6. Sileo et al. 1977 (Ont); 7. Anderson and Wong 1981 (Ont); 8. Wong and Anderson unpublished data (Alta)

Desportesius triaenucha (Wright, 1879)
Syns: *Filaria triaenucha*
Acuaria triaenucha
Streptocara triaenucha
Desportesius canadensis Mawson, 1956
Site: gizzard, under lining
Hosts: *Ardea herodias* (2)
Botaurus lentiginosus (1,2)
Dist: Ont, Que
Records: 1. Wright 1879 (Ont); 2. Mawson 1956d (Que)

Dispharynx nasuta (Rudolphi, 1819)
Syns: *Spiroptera nasuta*
Dispharagus nasutus
Acuaria (*Dispharynx*) *nasuta*
Cheilospirura nasuta
Dispharagus spiralis Molin, 1858
Acuaria spiralis
Dispharagus nasutus Piana, 1897
Dispharagus columbae Bridre, 1910
Site: proventriculus
Hosts: *Agelaius phoeniceus* (1,2)
Charadrius vociferus (3)
Dist: Alta, Man, Que
Records: 1. Rau et al. 1978 (Que); 2. Hood and Welch 1980 (Man); 3. Wong and Anderson unpublished data (Alta)

Echinuria borealis Mawson, 1956
Site: proventriculus
Hosts: *Clangula hyemalis* (1)
Melanitta perspicillata (3)
Somateria mollissima (2)
Somateria spectabilis (1)
Dist: BC, NB, Nfld, Que
Records: 1. Mawson 1956d (Que); 2. Bishop and Threlfall 1974 (Nfld); 3. Bourgeois and Threlfall 1982 (BC, NB, Nfld)

Echinuria hypognatha Wehr, 1937
Site: proventriculus
Hosts: *Melanitta nigra*
Melanitta perspicillata
Dist: BC, NB, Nfld
Record: Bourgeois and Threlfall 1982

Echinuria parva Cram, 1928
Site: proventriculus
Hosts: *Branta canadensis* (1,3)
Branta species (2)
Dist: Ont
Records: 1. Cram 1928; 2. Swales 1933; 3. Wickware 1941

Echinuria uncinata (Rudolphi, 1819)
Syns: *Spiroptera uncinata*
Dispharagus uncinata
Acuaria (*Hamannia*) *uncinata*
Hamannia uncinata
Echinuria jugadornata Soloviev, 1912
Site: proventriculus
Hosts: *Anas acuta* (2,4)
Anas discors (2,3)
Anas platyrhynchos (1,2,4)
Aythya americana (2)

Aythya valisineria (2)
Bucephala albeola (2)
Calidris alba (6)
Calidris bairdii (6)
Calidris pusilla (6)
Catoptrophorus semipalmatus inornatus (6)
Cygnus buccinator (2)
Limosa fedoa (6)
Phalaropus tricolor (6)
Somateria mollissima (5)
Dist: Alta, Man, NB, Nfld, Sask
Records: 1. Mawson 1956e (Alta); 2. Cornwell 1963 (Man); 3. Buscher 1966 (Man); 4. Crichton and Welch 1972 (Man); 5. Bishop and Threlfall 1974 (Nfld); 6. Wong and Anderson unpublished data (Alta, Man, NB, Sask)

Paracuaria adunca (Creplin, 1846)
Syns: *Spiroptera adunca*
Dispharagus aduncus
Filaria tridentata Linstow, 1877
Spiroptera tridentata
Paracuaria tridentata
Rusguniella transcaucasica Solonitsin, 1932
Streptocara transcaucasica
Paracuaria macdonaldi Rao, 1951
Streptocara rissae Kreis, 1958
Site: gizzard, under lining
Hosts: *Ardea herodias* (2)
Cepphus columba (2)
Diomedea nigripes (2)
Gavia species (2)
Larus argentatus (1,2,6)
Larus canus (2)
Larus delawarensis (2,6)
Larus glaucescens (2)
Larus marinus (2)
Larus pipixcan (2)
Larus thayeri (2)
Melanitta perspicillata (2)
Podiceps auritus (2)
Rissa tridactyla (3)
Somateria mollissima (6)
Uria aalge (2)
Dist: Atlantic coast, BC, midwest, Nfld, Ont
Records: 1. Rao 1951 (Que); 2. Gibson 1968 (Atlantic coast, BC, midwest, Ont); 3. Threlfall 1968a (Nfld); 4. Threlfall 1968c (Nfld); 5. Bishop and Threlfall 1974 (Nfld); 6. Wong and Anderson 1982a (Ont)

Pectinospirura argentata Wehr, 1933
Syn: *Pectinospirura sobolevi* Turemuratov, 1965
Site: proventriculus
Hosts: *Larus delawarensis* (1)
Numenius americanus (2)
Dist: Alta, Ont
Records: 1. Wong and Anderson 1982b (Ont); 2. Wong and Anderson unpublished data (Alta)

Skrjabinocerca prima Shikhobalova, 1930
Site: oesophagus
Hosts: *Catoptrophorus semipalmatus inornatus* (2)
Charadrius vociferus (2)
Phalaropus tricolor (2)
Pluvialis squatarola (2)
Recurvirostra americana (1,2)
Dist: Alta
Records: 1. Wong et al. 1987; 2. Bartlett et al. 1989

Skrjabinoclava bakeri Wong and Anderson, 1988 for (1987)
Site: proventriculus
Host: *Calidris pusilla*
Dist: Alta, NB, NS, Ont
Record: Wong and Anderson in press

Skrjabinoclava bartlettae Wong and Anderson, 1988 for (1987)
Site: proventriculus
Host: *Pluvialis squatarola*
Dist: Alta
Record: Wong and Anderson in press

Skrjabinoclava inornatae Wong and Anderson, 1988 for (1987)
Syn: *Skrjabinoclava horrida* Wong and Anderson, 1983
Site: proventriculus
Hosts: *Catoptrophorus semipalmatus inornatus* (2)
Larus delawarensis (1)
Dist: Alta, Man, Ont
Records: 1. Wong and Anderson 1983 (Ont); 2. Wong and Anderson in press (Alta, Man)

Skrjabinoclava kritscheri Wong and Anderson, 1988 for (1987)
Site: proventriculus
Host: *Limosa fedoa*
Dist: Alta, Man
Record: Wong and Anderson in press

Skrjabinoclava morrisoni Wong and Anderson, 1988 for (1987)
Site: proventriculus
Host: *Calidris pusilla*
Dist: Alta, Man, NB, NS, Ont, Sask
Record: Wong and Anderson in press

Skrjabinoclava pusillae Wong and Anderson, 1988 for (1987)
Site: proventriculus
Hosts: *Calidris pusilla*
Charadrius semipalmatus
Dist: Alta, Man, NB, NS, Ont, Sask
Record: Wong and Anderson in press

Skrjabinoclava tupacincai Wong and Anderson, 1988 for (1987)
Site: proventriculus
Hosts: *Calidris alba*
Calidris alpina
Calidris pusilla
Dist: Man, NB, Sask
Record: Wong and Anderson in press

Unidentified Skrjabinoclava larvae
Site: proventriculus
Hosts: *Calidris alba*
Calidris pusilla
Charadrius semipalmatus
Dist: Alta, Man, NB, NS, Ont, Sask
Record: Wong and Anderson in press

Syncuaria squamata (Linstow, 1883)
Syns: *Filaria squamata*
Dispharagus squamatus
Acuaria squamata
Hamannia squamata
Echinuria squamata
Skrjabinocara squamata
Chordocephalus squamata
Skrjabinocara schikhobalovi Guschanskaya, 1950
Skrjabinocara skrjabini Guschanskaya, 1950
Skrjabinocara tiofejevi Guschanskaya, 1950
Skrjabinocara viktori Guschanskaya, 1950
Site: gizzard, under lining
Host: *Phalacrocorax auritus*
Dist: Ont
Record: Wong et al. 1986

Synhimantus species
Site: gizzard, under lining
Host: *Botaurus lentiginosus*
Dist: Nfld
Record: Threlfall 1968b

SUBFAMILY SEURATINAE

Avicularielle alcyona Wehr, 1931
Site: gizzard, under lining
Host: *Ceryle alcyon*
Dist: Ont, Que
Records: 1. Mawson 1956e (Que); 2. Boyd and Fry 1971 (Ont); 3. Anderson et al. 1980 (Ont); 4. Scott (Que)

Molinacuaria bendelli (Adams and Gibson, 1969)
Syn: *Ancyracanthopsis bendelli*
Site: gizzard, under lining
Host: *Dendragapus obscurus fuliginosus*
Dist: BC
Record: Adams and Gibson 1969

Seuratia shipleyi (Stossich, 1900)
Syns: *Gnathostoma shipleyi*
Rictularia shipleyi
Prionostemma shipleyi
Rictularia paradoxa Linstow, 1903
Acuaria pelagica Seurat, 1916
Prionostemma pelagicum
Site: gizzard, under lining
Host: *Puffinus gravis*
Dist: Nfld
Record: Bourgeois and Threlfall 1979

Stegophorus stellae-pollaris (Parona, 1901)
Syns: *Histiocephalus stellae-pollaris*
Streptocara stellae-pollaris
Yseria stellae-pollaris
Site: gizzard, under lining
Host: *Uria lomvia*
Dist: Nfld
Record: Threlfall 1971

Stegophorus species
Site: gizzard, under lining
Host: *Puffinus gravis*
Dist: Nfld
Record: Bourgeois and Threlfall 1979

Streptocara californica (Gedoelst, 1919)
Syns: *Yseria californica*
Skrjabinobronema californica
Site: gizzard, under lining
Hosts: *Anas platyrhynchos* (1)
Aythya marila (1)
Aythya valisineria (1)
Bucephala islandica (1)
Clangula hyemalis (1)
Melanitta fusca (1,2)
Melanitta nigra (1,2)
Melanitta perspicillata (1,2)
Mergus merganser (1)
Mergus serrator (1)
Dist: BC, NB, Nfld
Records: 1. Gibson 1968 (BC); 2. Bourgeois and Threlfall 1982 (BC, NB, Nfld)

Streptocara crassicauda (Creplin, 1829)
Syns: *Spiroptera crassicauda*
Dispharagus crassicauda
Streptocara crassicauda anseri Skrjabin, 1916
Site: gizzard, under lining
Hosts: *Anas acuta* (1)
Anas discors (2)
Anas platyrhynchos (1)
Melanitta fusca (4)
Melanitta nigra (4)
Melanitta perspicillata (4)
Lophodytes cucullatus (3)
Dist: BC, Man, NB, Nfld, Ont
Records: 1. Crichton and Welch 1972 (Man); 2. Turner and Threlfall 1975 (Nfld); 3. Bain and Threlfall 1977 (Ont); 4. Bourgeois and Threlfall 1982 (BC, NB, Nfld)

Streptocara c. crassicauda Gibson, 1968
Site: gizzard, under lining
Hosts: *Actitis macularia*
Anas clypeata
Anas platyrhynchos
Aythya marila
Aythya valisineria
Bucephala clangula
Bucephala islandica
Cepphus columba
Clangula hyemalis
Larus thayeri
Lophodytes cucullatus
Melanitta nigra
Melanitta perspicillata
Mergus merganser
Mergus serrator
Oxyura jamaicensis
Tympanuchus phasianellus
Dist: BC
Record: Gibson 1968

Streptocara formosensis Sugimoto, 1930
Site: gizzard, under lining
Hosts: *Anas platyrhynchos* (1)
Aythya collaris (4)
Bucephala albeola (1)
Bucephala clangula (1,3)
Bucephala islandica (1)
Clangula hyemalis (1)
Lophodytes cucullatus (2)
Melanitta fusca deglandi (1)
Melanitta perspicillata (1,4)
Mergus merganser (1)
Mergus serrator (1)
Dist: BC, NB, Nfld, Ont
Records: 1. Gibson 1968 (BC); 2. Bain and Threlfall 1977 (Ont); 3. Mahoney and Threlfall 1978 (Nfld, Ont); 4. Noseworthy and Threlfall 1978 (Ont); 5. Bourgeois and Threlfall 1982 (BC, NB, Nfld)

Streptocara incognita Gibson, 1968
Site: gizzard, under lining
Hosts: *Anas platyrhnychos*
Bucephala islandica
Oxyura jamaicensis
Dist: Alta, BC
Record: Gibson 1968

Streptocara recta (Linstow, 1879)
Syns: *Filaria recta*
Spiroptera recta
Site: gizzard, under lining
Host: *Podiceps auritus*
Dist: BC
Record: Gibson 1968

Streptocara tridentata (Linstow, 1877)
Site: gizzard, under lining
Host: *Larus argentatus*
Dist: Nfld
Record: Threlfall 1968c

Streptocara species
Site: gizzard, under lining
Hosts: *Catoptrophorus semipalmatus inornatus* (2)
Charadrius vociferus (2)
Melanitta perspicillata (1)
Pluvialis squatarola (2)
Recurvirostra americana (2)
Dist: Alta, BC, NB, Nfld
Records: 1. Bourgeois and Threlfall 1982 (BC, NB, Nfld); 2. Wong and Anderson unpublished data (Alta)

SUBFAMILY SCHISTOROPHINAE

Ancyracanthopsis coronata (Molin, 1860)
Syns: *Spiroptera coronata*
Histiocephalus coronata
Yseria coronata
Skrjabinobronema coronata
Ancyracanthus bilabiatus Molin, 1860
Ancyracanthopsis bilabiatus
Site: gizzard, under lining
Hosts: *Actitis macularia* (1,2)
Limosa fedoa (2)
Dist: Alta, BC, Man
Records: 1. Adams and Gibson 1969 (BC); 2. Wong and Lankester 1985a (Alta, Man)

Ancyracanthopsis heardi Wong and Anderson, 1990
Site: gizzard, under lining
Host: *Catoptrophorus semipalmatus inornatus*

Dist: Alta
Record: Wong and Anderson 1990

Ancyracanthopsis winegardi Wong and Anderson, 1990
Syn: *Ancyracanthopsis coronata* Wong and Lankester, 1985
Site: gizzard, under lining
Hosts: *Catoptrophorus semipalmatus inornatus*
Limosa fedoa
Numenius americanus
Pluvialis squatarola
Dist: Alta, Man
Record: Wong and Anderson 1990

Schistorophus skrjabini (Vassilkova, 1926)
Syn: *Antennocara skrjabini*
Site: gizzard, under lining
Hosts: *Catoptrophorus semipalmatus inornatus* (1,2)
Numenius americanus (2)
Dist: Alta, Man
Records: 1. Wong and Lankester 1984a (Man); 2. Wong and Anderson unpublished data (Alta, Man)

Sciadiocara bihamata (Mueller, 1897)
Syns: *Ancyracanthus bihamata*
Ancyracanthopsis bihamata
Schistorophus bihamatus
Sciadiocara umbellifera Sobolev, 1949
Sciadiocara denticulata Gibson, 1972
Site: gizzard, under lining
Hosts: *Actitis macularia* (1,2)
Catoptrophorus semipalmatus inornatus (3)
Limosa fedoa (3)
Pluvialis squatarola (3)
Dist: Alta, BC, Man
Records: 1. Gibson 1972 (BC); 2. Wong and Lankester 1985b (Man); 3. Wong and Anderson unpublished data (Alta, Man)

Sciadiocara umbellifera (Molin, 1860)
Syns: *Spiroptera umbellifera*
Schistorophus umbellifera
Spiroptera tantali rubri Molin, 1860
Spiroptera totani Molin, 1860
Site: gizzard, under lining
Hosts: *Catoptrophorus semipalmatus inornatus* (2,3)
Limosa fedoa (3)
Numenius americanus (3)
Pluvialis squatarola (1,3)
Dist: Alta, Man, Que
Records: 1. Gibson 1972 (Que); 2. Wong and Lankester 1985b (Man); 3. Wong and Anderson unpublished data (Alta)

Sobolevicephalus lichtenfelsi Wong and Lankester, 1985
Site: gizzard, under lining
Hosts: *Catoptrophorus semipalmatus inornatus* (1,2)
Limosa fedoa (1,2)
Dist: Alta, Man
Records: 1. Wong and Lankester 1985c (Alta, Man); 2. Wong and Anderson unpublished data (Alta, Man)

Viktorocara capillaris (Molin, 1860)
Syns: *Spiroptera capillaris*
Cheilospirura capillaris
Schistorophus capillaris
Viktorocara schejkini Guschanskaya, 1950
Site: gizzard, under lining
Hosts: *Catoptrophorus semipalmatus inornatus* (3)
Charadrius semipalmatus (2,3)
Limosa fedoa (2,3)
Pluvialis squatarola (1,3)
Dist: Alta, Man, Ont, Que
Records: 1. Gibson 1972 (Que); 2. Wong and Lankester 1984b (Man); 3. Wong and Anderson unpublished data (Alta, Ont)

Viktorocara limosae Daiya, 1966
Syns: *Viktorocara halcyoni* Rhizhikov and Khokhlova, 1964
Viktorocara numenii Petter, 1967
Viktorocara limosae Mawson, 1968
Viktorocara torea Clark, 1978
Site: gizzard, under lining
Hosts: *Calidris alpina* (1)
Calidris pusilla (4)
Catoptrophorus semipalmatus inornatus (3,4)
Charadrius semipalmatus (3)
Limosa fedoa (3,4)
Pluvialis squatarola (2,4)
Recurvirostra americana (3)
Dist: Alta, BC, Man, NB, Que
Records: 1. Adams and Gibson 1969 (BC); 2. Gibson 1972 (Que); 3. Wong and Lankester 1984b (Alta, Man); 4. Wong and Anderson unpublished data (Alta, Man, NB)

SUPERFAMILY DIPLOTRIAENOIDEA
FAMILY DIPLOTRIAENIDAE
SUBFAMILY DICHEILONEMATINAE

Hamatospiculum species
Site: orbit
Host: *Asio flammeus*
Dist: Que
Record: Mawson 1957

Monopetalonema alcedinis (Rudolphi, 1819)
Site: air sacs
Host: *Ceryle alcyon*
Dist: Ont, Que
Records: 1. Mawson 1957 (Que); 2. Anderson 1959b (Ont); 3. Scott 1984 (Que)

Serratospiculoides amaculatum (Wehr, 1938)
Syn: *Serratospiculum amaculata*
Site: air sacs
Host: *Falco mexicanus*
Dist: Alta, Man
Records: 1. Bigland et al. 1964 (Alta); 2. Mawson 1957 (Man)

Dicheilonematid immature worms
Site: air sacs
Host: *Puffinus gravis*
Dist: Nfld
Record: Bourgeois and Threlfall 1979

SUBFAMILY DIPLOTRIAENINAE

Diplotriaena agelaius (Walton, 1927)
Syn: *Diplotriaenoides translucidus* Anderson, 1956
Site: air sacs
Hosts: *Dendroica magnolia* (3)
Dendroica pensylvanica (3)
Quiscalus quiscula (3)
Seiurus aurocapillus (1,2)
Vermivora ruficapilla (3)
Wilsonia canadensis (3)
Dist: Ont
Records: 1. Anderson 1956a; 2. Anderson 1957a; 3. Anderson 1961c

Diplotriaena andersoni Olsen and Braun, 1971
Site: air sacs
Host: *Lagopus leucurus*
Dist: Alta
Record: Olsen and Braun 1971

Diplotriaena bargusinica Skrjabin, 1917
Syn: *Diplotriaena isabellina* Koroliova, 1926
Site: air sacs
Hosts: *Agelaius phoeniceus* (3)
Catharus fuscescens (1,2)
Catharus ustulatus (1)
Quiscalus quiscula (1)
Dist: Man, Ont
Records: 1. Anderson 1961c (Ont); 2. Anderson 1962 (Ont); 3. Hood and Welch 1980 (Man)

Diplotriaena darnaudii Webster and Speckman, 1976
Site: air sacs
Host: *Trachyphonus darnaudii*
Dist: Man (zoo)
Record: Webster and Speckman 1976

Diplotriaena obtusa (Rudolphi, 1802)
Site: air sacs
Hosts: *Progne subis* (2)
Riparia riparia (1)
Dist: Ont
Records: 1. Anderson 1961c; 2. Webster 1974

Diplotriaena ozouxi Henry and Ozoux, 1909
Site: air sacs
Hosts: *Pooecetes gramineus* (2)
Vermivora ruficapilla (1,3)
Dist: Ont
Records: 1. Judd 1959 (see Anderson 1959c); 2. Anderson 1959c; 3. Anderson 1961c

Diplotriaena pungens (Schneider, 1866)
Syn: *Diplotriaena sialiae* Mawson, 1957
Site: air sacs
Hosts: *Sialia currucoides* (1)
Quiscalus quiscula (2)
Dist: Alta, Man
Records: 1. Mawson 1957 (Alta); 2. Hodasi 1963 (Man)

Diplotriaena sylvinae Pinto and Noronha, 1970
Site: air sacs
Hosts: *Tyrannus tyrannus*
Tyrannus verticalis
Dist: Man
Record: MacKenzie et al. 1979

Diplotriaena thomasi Siebert, 1944
Site: air sacs
Hosts: *Junco hyemalis* (1)
Xanthocephalus xanthocephalus (2)
Zonotrichia albicollis (1)
Zonotrichia leucophrys (1)
Dist: Man, Ont
Records: 1. Anderson 1959c (Ont); 2. Hodasi 1963 (Man)

Diplotriaena tricuspis (Fedtschenko, 1874)
Site: air sacs
Hosts: *Corvus brachyrhynchos* (2)
Cyanocitta cristata (1)
Dist: Ont
Records: 1. Anderson 1961c; 2. Cawthorn and Anderson 1980a, 1980b

Diplotriaena utae Wong, Anderson and Frimeth, 1983
Site: air sacs
Host: *Perisoreus canadensis*
Dist: Ont
Record: Wong et al. 1983

Diplotriaena species
Site: air sacs
Hosts: *Agelaius phoeniceus* (1)
Corvus brachyrhynchos (2)
Quiscalus quiscula (1)
Vermivora ruficapilla (1)
Dist: Ont, Que
Records: 1. Anderson 1957a (Ont); 2. Mawson 1957 (Que)

Quadriplotriaena hypsokysta Crites, 1964
Site: air sacs
Hosts: *Sturnella neglecta*
Dist.: Alta
Record: Anderson 1989

SUPERFAMILY APROCTOIDEA
FAMILY APROCTIDAE
SUBFAMILY APROCTINAE

Aprocta turgida Stossich, 1902
Site: nasal and orbital cavities
Hosts: *Larus californicus*
Larus delawarensis
Dist: Alta
Record: Vermeer 1969

Pseudaprocta samueli Bartlett and Anderson, 1986
Site: sir sacs
Host: *Cyanocitta cristata*
Dist: Ont
Record: Bartlett and Anderson 1986

FAMILY DESMIDOCERCIDAE

Desmidocerca incognita Solonitzin, 1932
Site: air sacs
Host: *Phalacrocorax auritus*
Dist: NB
Record: Mawson 1957

Desmidocercella numidica (Seurat, 1920)
Syn: *Desmidocercella nudicauda* Mawson, 1957
Site: air sacs
Hosts: *Ardea herodias* (1,2,3)
Pluvialis squatarola (3)
Dist: BC, NB, Ont, Que
Records: 1. Mawson 1957 (Ont, Que); 2. Anderson 1959a (Ont); 3. Gibson 1972 (BC, NB, Que)

SUPERFAMILY FILARIOIDEA
FAMILY ONCHOCERCIDAE
SUBFAMILY DIROFILARIINAE

Pelecitus fulicaeatrae (Diesing, 1861)
Site: among tendons and muscles near ankle joint
Hosts: *Fulica americana* (2)
Podiceps auritus (1)
Podiceps grisegena (2)
Podiceps nigricollis (1)
Dist: Alta
Records: 1. Vanderburgh et al. 1984; 2. Bartlett and Anderson 1987c

Pelecitus tubercauda Vanderburgh, Anderson and Stock, 1984
Site: among tendons and muscles of knee region
Host: *Geothlypis trichas*
Dist: Ont
Record: Vanderburgh et al. 1984

SUBFAMILY LEMDANINAE

Eufilaria longicaudata Hibler, 1964
Site: connective tissue along trachea and oesophagus
Host: *Corvus brachyrhynchos*
Dist: Ont
Record: Bartlett and Anderson, 1980a

Eufilaria mcintoshi Anderson and Bennett, 1960
Site: subcutaneous tissue of leg region
Host: *Padda oryzivora* (imported)
Dist: Ont
Record: Anderson and Bennett 1960

Eufilaria sturninus Bartlett, 1982
Site: connective tissue along trachea and oesophagus
Host: *Sturnus vulgaris*
Dist: Ont
Record: Bartlett 1982

Eulimdana asperum Bartlett, Anderson and Bush, 1989
Site: connective tissue along trachea and oesophagus
Host: *Phalaropus tricolor*
Dist: Alta, Man
Record: 1. Bartlett et al. 1989

Eulimdana florencae Bartlett and Anderson, 1990
Site: connective tissue along trachea and oesophagus
Host: *Calidris himantopus*
Dist: Alta, Sask
Record: Bartlett and Anderson 1990

Eulimdana juventarum Bartlett, Anderson and Bush, 1989
Site: connective tissue along trachea and oesophagus
Host: *Catoptrophorus semipalmatus inornatus*
Dist: Alta, Man
Record: Bartlett et al. 1989

Eulimdana pseudolari Bartlett, Anderson and Bush, 1989
Site: connective tissue along trachea and oesophagus
Host: *Phalaropus lobatus*
Dist: NB
Record: Bartlett et al. 1989

Eulimdana species
Site: connective tissue along trachea and oesophagus
Hosts: *Calidris alba*
Calidris bairdii
Calidris pusilla
Chlidonias niger
Larus pipixcan
Limosa fedoa
Recurvirostra americana
Sterna hirundo
Dist: Alta, NS, Sask
Record: Bartlett unpublished data

Lemdana wernaarti Barltett and Anderson, 1987
Site: connective tissue along trachea and oesophagus
Hosts: *Asio otus*
Bubo virginianus
Dist: Ont
Record: Bartlett and Anderson 1987a

Sarconema eurycerca Wehr, 1939
Site: heart
Hosts: *Cygnus buccinator* (1,4)
Cygnus columbianus (2,3,4)
Dist: BC, Ont
Records: 1. Cowan 1946 (BC); 2. MacNeill 1975 (BC); 3. Irwin 1975 (Ont); 4. MacNeill and Barnard 1978 (BC)

Sarconema similar to *S. eurycerca*
Site: heart
Host: *Chen caerulescens*
Dist: unspecified
Record: Wobeser 1981

Sarconema species
Site: "air sacs"
Host: *Melanitta perspicillata*
Dist: BC, NB, Nfld
Record: Bourgeois and Threlfall 1982

SUBFAMILY SPLENDIDOFILARIINAE

Aproctella stoddardi Cram, 1931
Site: body cavity
Hosts: *Bonasa umbellus* (1)
Catharus fuscescens (3)
Catharus ustulatus (1)
Dendroica coronata (3)
Geothlypis trichas (1,2)
Seiurus aurocapillus (2)
Zonotrichia albicollis (1,2)
Dist: Ont
Records: 1. Anderson 1957b; Anderson 1961d; 3. Anderson and Freeman 1969

Aproctella species
Site: body cavity
Host: *Ceryle alcyon*
Dist: Que
Record: Scott 1984

Cardiofilaria pavlovskyi Strom, 1937
Syns: *Ornithofilaria inornata* Anderson, 1956
Carinema ardea Mawson, 1957
Site: heart, body cavity
Hosts: *Accipiter gentilis* (6)
Accipiter striatus (3)
Ardea herodias (2,4)
Asio otus (3)
Botaurus lentiginosus (2)
Catharus ustulatus (3)
Circus cyaneus (3)
Corvus brachyrhynchos (5)
Corvus corax (3)
Hylocichla mustelina (1)
Icterus galbula (7)
Ixobrychus exilis (4)
Scolopax minor (3)
Seiurus aurocapilus (3)
Sturnus vulgaris (6)
Turdus migratorius (3)
Dist: NB, Ont, Que
Records: 1. Anderson 1956a (Ont); 2. Mawson 1957 (Que); 3. Anderson and Freeman 1969 (Ont); 4. Gibson 1973 (NB, Ont); 5. Bartlett and Anderson 1980a (Ont); 6. Bartlett 1982 (Ont); 7. Vanderburgh and Anderson unpublished data (Ont)

Chandlerella chitwoodae Anderson, 1961
Syns: *Splendidofilaria flexivaginalis* Jones, 1961
Chandlerella hispanica Lopez-Caballero, 1974
Site: within connective tissue or lymphatics adjacent to blood vessels in lungs and legs and beside spleen and kidneys
Hosts: *Bonasa umbellus* (2)
Corvus brachyrhnchos (3)
Dendragapus obscurus (2)
Padda oryzivora (1) (imported)
Dist: BC, Ont
Records: 1. Anderson 1961b (Ont, imported); 2. Gibson 1965 (BC); 3. Bartlett and Anderson 1980a, 1980b (Ont)

Chandlerella bushi Bartlett and Anderson, 1987
Site: within lymphatics adjacent to femoral artery
Host: *Fulica americana*
Dist: Man
Record: Bartlett and Anderson 1987b

Chandlerella quiscali (Linstow, 1904)
Site: beneath pia mater of cerebrum in region of sagittal fissure
Hosts: *Corvus brachyrhynchos* (1)
Quiscalus quiscula (2)
Dist: Ont
Records: 1. Bartlett and Anderson 1980a; 2. Bartlett unpublished data

Splendidofilaria algonquinensis (Anderson, 1955)
Syns: *Ornithofilaria algonquinensis* Anderson, 1955
Splendidofilaria passerina Koch and Huizinga, 1971
Site: wall of pulmonary artery
Host: *Hirundo rustica*
Dist: Ont
Record: Anderson 1955

Splendidofilaria caperata Hibler, 1964
Site: wall of pulmonary artery
Hosts: *Agelaius phoeniceus* (3)
Asio otus (4)
Ceryle alcyon (4)
Corvus brachyrhynchos (1)
Fulica americana (5)
Hirundo pyrrhonota (6)
Melospiza melodia (4)
Sturnus vulgaris (2)
Turdus migratorius (3)
Quiscalus quiscula (3)
Dist: Alta, Man, Ont
Records: 1. Bartlett and Anderson 1980a (Ont); 2. Bartlett 1982 (Ont); 3. Bartlett and Anderson 1985 (Ont); 4. Bartlett and Anderson 1987a (Ont); 5. Bartlett and Anderson 1987b (Man); 6. Bartlett unpublished data (Alta)

Splendidofilaria fallisensis (Anderson, 1954)
Syn: *Ornithofilaria fallisensis*
Site: subcutaneous tissue
Hosts: *Anas platyrhynchos* (syn: *Anas boschas domesticus*) (1,2,3)
Anas rubripes (2)
Dist: Ont
Records: 1. Anderson 1954; 2. Anderson 1956b; 3. Anderson 1960

Splendidofilaria pectoralis Gibson, 1967
Site: subcutaneous tissue of pectoral region, generally midway between crop and tip of sternum
Hosts: *Bonasa umbellus*
Dendragapus canadensis
Dendragapus obscurus
Tympanuchus phasianellus
Dist: BC
Record: Gibson 1967

Splendidofilaria wehri Anderson, 1961
Site: behind valve in heart
Hosts: *Catharus ustulata* (1)
Corvus brachyrhynchos (2)
Dist: Ont
Records: 1. Anderson 1961a; 2. Bartlett and Anderson 1980a

Splendidofilaria species
Site: behind valve in heart
Host: *Asio otus*
Dist: Ont
Record: Bartlett and Anderson 1987a

HOST-PARASITE LIST

ORDER GAVIIFORMES

FAMILY GAVIDAE

Gavia immer (Brunnich)
– Common Loon
– Syn: *Colymbus immer* Brunnich
Eustrongylides tubifex (NB, Ont)

Gavia stellata (Pont.)
– Red-throated Loon
– Syn: *Colymbus stellatus* Pont.
Amidostomum cygni (Que)

Gavia species
– Loon
Paracuaria adunca (BC)

ORDER PODICIPEDIFORMES

FAMILY PODICIPEDIDAE

Aechmophorus occidentalis (Lawrence)
– Western Grebe
– Syn: *Podiceps occidentalis* Lawrence
Capillaria obsignata (Alta)
Contracaecum ovale (Alta)

Podiceps auritus (L.)
– Horned Grebe
– Syn: *Colymbus auritus* L.
Capillaria obsignata (Alta)
Contracaecum ovale (Alta)
Paracuaria adunca (BC)
Pelecitus fulicaecatrae (Alta)
Streptocara recta (BC)

Podiceps grisegena (Boddaert)
– Red-necked Grebe
– Syn: *Colymbus grisegena* Boddaert
Capillaria obsignata (Alta)
Contracaecum ovale (Alta)
Pelecitus fulicaecatrae (Alta)

Podiceps nigricollis Brehm
– Eared Grebe
Capillaria obsignata (Alta)
Contracaecum ovale (Alta)
Pelecitus fulicaecatrae (Alta)

Podilymbus podiceps (L.)
– Pied-billed Grebe
– Syn: *Colymbus podiceps* L.
Contracaecum podicipitis (unspecified)
Contracaecum spiculigerum (Nfld)

ORDER PROCELLARIIFORMES

FAMILY DIOMEDEIDAE

Diomedea nigripes Audubon
– Black-footed Albatross
Paracuaria adunca (BC)

Diomedea species
– Albatross
Contracaecum magnicollare (BC)
Contracaecum pelagicum (BC)

FAMILY PROCELLARIIDAE

Puffinus gravis (O'Reilly)
– Greater Shearwater
– Syn: *Procellaria gravis* O'Reilly
Contracaecum species (Nfld)
Dicheilonematid immature worms (Nfld)
Seuratia shipleyi (Nfld)
Stegophorus species (Nfld)
Tetrameres species (NB, Nfld)

ORDER PELECANIFORMES

FAMILY PHALACROCORACIDAE

Phalacrocorax auritus (Lesson)
– Double-crested Cormorant
– Syn: *Carbo auritus* Lesson
Contracaecum spiculigerum (NB)
Desmidocercella incognita (NB)
Syncuaria squamata (Ont)

ORDER CICONIIFORMES
SUBORDER ARDEAE

FAMILY ARDEIDAE

Ardea herodias L.
– Great Blue Heron
Avioserpens nana (Que)
Cardiofilaria pavlovskyi (NB, Ont, Que)
Desmidocercella numidica (BC, NB, Ont, Que)
Desportesius triaenucha (Que)
Eustrongylides tubifex (NB, Ont)
Microtetrameres canadensis (Que)
Paracuaria adunca (BC)
Tetrameres ardamericanus (Ont)

Botaurus lentiginosus (Rackett)
– American Bittern
– Syn: *Ardea lentiginosa* Rackett
Avioserpens species (Ont, Que)
Cardiofilaria pavlovskyi (Que)
Contracaecum microcephalum (Nfld)
Desportesius triaenucha (Ont, Que)
Synhimantus species (Nfld)

Ixobrychus exilis (Gmelin)
– Least Bittern
– Syn: *Ardea exilis* Gmelin
Avioserpens species (Ont, Que)
Cardiofilaria pavlovskyi (NB, Ont)

ORDER PHOENICOPTERIFORMES

FAMILY PHOENICOPTERIDAE

Phoenicopterus ruber L.
– Greater Flamingo
Tetrameres occinea (Nfld)

ORDER ANSERIFORMES
SUBORDER ANSERES

FAMILY ANATIDAE
SUBFAMILY ANSERINAE

Anser anser (L.)
– Graylag Goose
Trichostrongylus tenuis (Ont)

Branta canadensis (L.)
– Canada Goose
– Syn: *Anas canadensis* L.
Amidostomum anseris (BC, Ont)
Cyathostoma bronchialis (Ont)
Echinuria parva (Ont)

Branta species
– Goose
Amidostomum anseris (Ont)
Echinuria parva (Ont)

Chen caerulescens (L.)
– Snow Goose
– Syns: *Anas caerulescens* L.
Anser hyperboreus Pallas
Amidostomum anseris (Ont)
Amidostomum spatulatum (Ont)
Amidostomum species (BC)
Epomidiostomum crami (Ont)
Sarconema similar to *S. eurycerca* (unspecified)
Trichostrongylus tenuis (NWT)

Chen caerulescens atlanticus (Kennard)
– Greater Snow Goose
Amidostomum spatulatum (unspecified)
Trichostrongylus tenuis (NWT)

Cygnus buccinator Richardson
– Trumpeter Swan
Amidostomum anseris (BC)
Amidostomum species (BC)
Echinuria uncinata (Man)
Sarconema eurycerca (BC)

Cygnus columbianus Ord
– Tundra Swan
– Syn: *Anas columbianus* Ord
Amidostomum anseris (BC)
Amidostomum cygni (Que)
Amidostomum species (BC)
Sarconema eurycerca (BC, Ont)

Cygnus species
– Swan
Amidostomum anseris (unspecified)

"Ducks, geese and swans"
Acuaria species (Ont)
Amidostomum species (Ont)
Capillaria species (Ont)
Cyathostoma species (Ont)
Tetrameres species (Ont)

"Geese"
Amidostomum anseris (Ont)

"Gosling"
Amidostomum anseris (BC)

"Wild swans"
Amidostomum species (BC)

SUBFAMILY ANATINAE

Anas acuta L.
– Northern Pintail
Amidostomum anseris (Man)
Echinuria uncinata (Man)
Epomidiostomum uncinatum (Man)
Streptocara crassicauda (Man)

Anas clypeata L.
– Northern shoveler
– Syn: *Spatula clypeata* (L.)
Amidostomum species (Man)

Epomidiostomum uncinatum (Man)
Streptocara c. crassicauda (BC)

Anas crecca L.
– Green-winged Teal
Amidostomum acutum (NB, NS)
Epomidiostomum uncinatum (NB, NS)
Tetrameres ryjikovi (Nfld)

Anas discors L.
– Blue-winged Teal
Amidostomum acutum (NB, NS)
Amidostumum species (Man)
Capillaria contorta (Que)
Echinuria uncinata (Man)
Epomidiostomum uncinatum (Man, NB, NS)
Streptocara crassicauda (Nfld)
Tetrameres ryjikovi (Nfld)

Anas platyrhynchos L.
– Domestic Duck
Amidostomum anseris (Man, Ont)
Capillaria species (Que)
Splendidofilaria fallisensis (Ont)
Tetrameres crami (Ont, Que)

Anas platyrhynchos L.
– mallard
Echinuria uncinata (Alta, Man)
Epomidiostomum uncinatum (Man)
Streptocara californica (BC)
Streptocara crassicauda (Man)
Streptocara c. crassicauda (BC)
Streptocara formosensis (BC)
Streptocara incognita (Alta, BC)

Anas rubripes Brewster
– American Black Duck
Amidostomum acutum (NB, Nfld, Ont)
Capillaria anatis (NB, Nfld, Ont, Que)
Capillaria obsignata (NB, Nfld)
Capillaria spinulosa (NB, Nfld)
Capillaria species (NB, Nfld, Ont, Que)
Contracaecum anasi (Que)
Epomidiostomum uncinatum (NB, Nfld)
Splendidofilaria fallisensis (Ont)
Tetrameres fissispina (NB, Nfld)
Tetrameres species (unspecified)

Anas strepera L.
– Gadwall
Epomidiostomum uncinatum (Man)

Aythya americana (Eyton)
– Redhead
– Syn: *Fuligula americana* Eyton
Echinuria uncinata (Man)

Aythya collaris (Donovan)
– Ring-necked Duck
– Syn: *Anas collaris* Donovan
Capillaria anatis (Ont)
Epomidiostomum crami (NB, Ont)
Streptocara formosensis (Ont)
Tetrameres fissispina (Ont)
Tetrameres species (Ont)

Aythya marila (L.)
– Greater Scaup
– Syn: *Anas marila* L.
Streptocara californica (BC)
Streptocara c. crassicauda (BC)

Aythya valisineria (Wilson)
– Canvasback
– Syn: *Anas valisineria* Wilson
Echinuria uncinata (Man)
Streptocara californica (BC)
Streptocara c. crassicauda (BC)

Bucephala albeola (L.)
– Bufflehead
– Syn: *Anas albeola* L.
Echinuria uncinata (Man)
Streptocara formosensis (BC)

Bucephala clangula (L.)
– Common Goldeneye
– Syn: *Anas clangula* L.
Amidostomum acutum (NB, Nfld, Ont)
Amidostomum anseris (BC)
Capillaria anatis (NB, Nfld, Ont, Que)
Capillaria mergi (Nfld, Ont)
Capillaria species (Ont, Que)
Epomidiostomum crami (Ont)
Streptocra c. crassicauda (BC)
Streptocara formosensis (BC, Nfld, Ont)
Tetrameres ryjikovi (Nfld, Ont)
Tetrameres species (unspecified)

Bucephala islandica (Gmelin)
– Barrow's Goldeneye
– Syn: *Anas islandica* Gmelin
Streptocara californica (BC)
Streptocara c. crassicauda (BC)
Streptocara formosensis (BC)
Streptocara incognita (Alta, BC)

Clangula hyemalis (L.)
– Oldsquaw
– Syn: *Anas hyemalis* L.
Echinuria borealis (Que)
Streptocara californica (BC)
Streptocara c. crassicauda (BC)
Streptocara formosensis (BC)

Lophodytes cucullatus (L.)
– Hooded Merganser
– Syn: *Mergus cucullatus* L.
Capillaria anatis (Ont)
Streptocara crassicauda (Ont)
Streptocara c. crassicauda (BC)
Streptocara formosensis (Ont)
Tetrameres species (Ont)

Melanitta fusca (L.)
– White-winged Scoter
– Syn: *Anas fusca* L.
Amidostomum acutum (BC, NB, Nfld)
Capillaria nyrocinarum (BC, NB, Nfld)
Streptocara californica (BC, NB, Nfld)
Streptocara crassicauda (BC, NB, Nfld)
Tetrameres fissispina (BC, NB, Nfld)
Tetrameres somateriae (BC, NB, Nfld)
Tetrameres spinosa (BC, NB, Nfld)
Tetrameres species (NB, Nfld, Ont)

Melanitta fusca deglandi (Bonaparte)
– White-winged Scoter
Streptocara formosensis (BC)

Melanitta nigra (L.)
– Black Scoter
– Syn: *Anas nigra* L.
Amidostomum acutum (BC, NB, Nfld)
Capillaria nyrocinarum (BC, NB, Nfld)
Echinuria hypognatha (BC, NB, Nfld)
Epomidiostomum uncinatum (BC, NB, Nfld)
Streptocara californica (BC, NB, Nfld)
Streptocara crassicauda (BC, NB, Nfld)
Streptocara c. crassicauda (BC)
Tetrameres fissispina (BC, NB, Nfld)
Tetrameres somateriae (BC, NB, Nfld)
Tetrameres spinosa (BC, NB, Nfld)

Melanitta perspicillata (L.)
– Surf Scoter
– Syn: *Anas perspicillata* L.
Amidostomum acutum (BC, NB, Nfld)
Amidostomum species (BC, NB, Nfld)
Capillaria anatis (BC, NB, Nfld)
Capillaria nyrocinarum (BC, NB, Nfld)
Echinuria borealis (BC, NB, Nfld)
Echinuria hypognatha (BC, NB, Nfld)
Paracuaria adunca (BC)
Sarconema species (BC, NB, Nfld)
Streptocara californica (BC, NB, Nfld)
Streptocara crassicauda (BC, NB, Nfld)
Streptocara c. crassicauda (BC)
Streptocara formosensis (BC, Ont)
Streptocara species (BC, NB, Nfld)
Tetrameres fissispina (BC, NB, Nfld)
Tetrameres somateriae (BC, NB, Nfld)
Tetrameres spinosa (BC, NB, Nfld)
Tetrameres species (NB, Nfld, Ont)

"Mergansers"
Eustrongylides mergorum (BC)

Mergus merganser L.
– Common Merganser
Contracaecum yamaguti (unspecified)
Eustrongylides tubifex (NB, Ont)
Streptocara californica (BC)
Streptocara c. crassicauda (BC)
Streptocara formosensis (BC)

Mergus serrator L.
– Red-breasted Merganser
Eustrongylides tubifex (NB, Ont)
Streptocara californica (BC)
Streptocara c. crassicauda (BC)
Streptocara formosensis (BC)

Oxyura jamaicensis (Gmelin)
– Ruddy Duck
– Syn: *Anas jamaicensis* Gmelin
Streptocara c. crassicauda (BC)
Streptocara incognita (Alta, BC)

Somateria mollissima (L.)
– Common Eider
– Syn: *Anas mollissima* L.
Amidostomum acutum (Nfld)
Echinuria borealis (Nfld)
Echinuria uncinata (Nfld)
Paracuaria adunca (Nfld)
Tetrameres somateriae (Nfld)

Somateria spectabilis (L.)
– King Eider
– Syn: *Anas spectabilis* L.
Amidostomum cygni (Que)
Echinuria borealis (Que)

ORDER FALCONIFORMES
SUBORDER ACCIPITRES

FAMILY ACCIPITRIDAE
SUBFAMILY ACCIPITRINAE

Accipiter gentilis (L.)
– Northern Goshawk
– Syn: *Falco gentilis* L.
Cardiofilaria pavlovskyi (Ont)

Accipiter striatus Vieillot
– Sharp-shinned Hawk
Cardiofilaria pavlovskyi (Ont)

Buteo jamaicensis (Gmelin)
– Red-tailed Hawk
– Syn: *Falco jamaicensis* Gmelin
Habronema mansioni (Que, Sask)

Circus cyaneus (L.)
– Northern Harrier
– Syn: *Falco cyaneus* L.
Cardiofilaria pavlovskyi (Ont)

SUBORDER FALCONES

FAMILY FALCONIDAE

Falco mexicanus Schlegel
– Prairie Falcon
– *Serratospiculoides amaculatum* (Alta, Man)

Falco peregrinus anatum Bonaparte
– Peregrine Falcon
Habronema mansioni (Que, Sask)
Porrocaecum trichuriforme (Ont)

ORDER GALLIFORMES

SUPERFAMILY PHASIANOIDEA
FAMILY PHASIANIDAE
SUBFAMILY PHASIANINAE

Phasianus colchicus L.
– Ring-necked Pheasant
Capillaria species (Que)
Heterakis isolonche (Ont)
Syngamus trachea (Ont, Que)

SUBFAMILY TETRAONINAE

Bonasa umbellus (L.)
– Ruffed Grouse
– Syn: *Tetrao umbellus* L.
Aproctella stoddardi (Ont)
Ascaridia galli (Ont)
Chandlerella chitwoodae (BC)
Cheilospirura spinosa (Ont)
Oxyspirura petrowi (Ont, Sask)
Splendidofilaria pectoralis (BC)

Centrocercus urophasianus (Bonaparte)
– Sage Grouse
– Syn: *Tetrao urophasianus* Bonaparte
Oxyspirura petrowi (Ont, Sask)

Dendragapus canadensis (L.)
– Spruce Grouse
– Syn: *Tetrao canadensis* L.
Splendidofilaria pectoralis (BC)

Dendragapus obscurus (Say)
– Blue Grouse
– Syn: *Tetrao obscurus* Say
Chandlerella chitwoodae (BC)
Splendidofilaria pectoralis (BC)

Dendragapus obscurus fuliginosus (Ridgway)
– Blue Grouse
Molinacuaria bendelli (BC)

Gallus gallus (L.)
– Domestic Chicken
Ascaridia galli (Man)
Capillaria columbae (Man)
Heterakis gallinarum (Man, Sask)

Lagopus lagopus (L.)
– Willow Ptarmigan
– Syn: *Tetrao lagopus* L.
Ascaridia compar (Nfld)

Lagopus leucurus (Richardson)
– White-tailed Ptarmigan
– Syn: *Tetrao leucurus* Richardson
Diplotriaena andersoni (Alta)

Tympanuchus cupido (L.)
– Greater Prairie-chicken
– Syn: *Tetrao cupido* L.
Acuaria spinosa (Ont)
Oxyspirura petrowi (Ont, Sask)

Tympanuchus phasianellus (L.)
– Sharp-tailed Grouse
– Syns: *Pedioecetes phasianellus* L.
Tetrao phasianellus L.
Cheilospirura spinosa (Ont)
Oxyspirura petrowi (Ont, Sask)
Splendidofilaria pectoralis (BC)
Streptocara c. crassicauda (BC)

SUBFAMILY MELEAGRIDINAE

Meleagris gallopavo L.
– Domestic Turkey
Ascaridia species (Ont)
Ascarididae, unidentified larvae (Man)

SUBFAMILY ODONTOPHORINAE

Callipepla californica (Shaw)
– California Quail
– Syns: *Lophortyx californica* (Shaw)
Tetrao californica Shaw
Cheilospirura spinosa (BC)

ORDER GRUIFORMES

FAMILY RALLIDAE
SUBFAMILY RALLINAE

Fulica americana Gmelin
– American Coot
Chandlerella bushi (Man)
Pelecitus fulicaeatrae (Alta)
Splendidofilaria caperata (Man)

ORDER CHARADRIIFORMES
SUBORDER CHARADRII

FAMILY CHARADRIIDAE
SUMBFAMILY CHARADRIINAE

Anitibyx armatus (Burchell)
– Blacksmith Plover
Geopetitia aspiculata (Man)

Charadrius semipalmatus Bonaparte
– Semipalmated Plover
– Syn: *Tringa hiaticula* Ord
Skrjabinoclava pusillae (Alta, Man, NB, NS, Ont, Sask)
Skrjabinoclava unidentified larvae (Alta, Man, NB, NS, Ont, Sask)
Stellocaronema skrjabini (Alta, Man)
Viktorocara capillaris (Alta, Man, Ont)
Viktorocara limosae (Alta, Man)

Charadrius vociferus L.
– Killdeer
Chevreuxia americana (Alta, Man)
Dispharynx nasuta (Alta)
Skrjabinocerca prima (Alta)
Streptocara species (Alta)
Viktorocara capillaris (Alta, Man, Ont)

Pluvialis squatarola (L.)
– Black-bellied Plover
– Syn: *Tringa squatarola* L.
Ancyracanthopsis winegardi (Alta, Man)
Chevreuxia americana (Alta, Man)
Desmidocercella numidica (BC, NB, Que)
Sciadiocara bihamata (Alta, Man)
Sciadiocara umbellifera (Alta, Que)
Skrjabinocerca prima (Alta)
Skrjabinoclava bartlettae (Alta)
Streptocara species (Alta)
Viktorocara capillaris (Alta, Que)
Viktorocara limosae (Alta, Man, Que)

FAMILY RECURVIROSTRIDAE

Recurvirostra americana Gmelin
– American Avocet
Chevreuxia americana (Alta, Man)
Eulimdana species (Alta, NS, Sask)
Skrjabinocerca prima (Alta)
Streptocara species (Alta)
Viktorocara limosae (Alta, Man)

SUBORDER SCOLOPACI

FAMILY SCOLOPACIDAE
SUBFAMILY SCOLOPACINAE

Actitis macularia (L.)
– Spotted Sandpiper
– Syn: *Tringa macularia* L.
Ancyracanthopsis coronata (BC, Alta, Man)
Sciadiocara bihamata (BC, Man)
Streptocara c. crassicauda (BC)

Bartramia longicauda (Bechstein)
– Upland Sandpiper
– Syn: *Tringa longicauda* Bechstein
Physocephalus sexalatus third-stage larvae (Alta, Man)
Stellocaronema skrjabini (Alta, NB, Sask)

Calidris alba (Pallas)
– Sanderling
– Syn: *Tringa alba* Pallas
Echinuria uncinata (Alta, Man, NB, Sask)
Eulimdana species (Alta, NS, Sask)
Skrjabinoclava tupacincai (Man, NB, Sask)
Skrjabinoclava unidentified larvae (Alta, Man, NB, NS, Ont, Sask)
Stellocaronema skrjabini (Alta, BC, Man, NB, Sask)

Calidris alpina (L.)
– Dunlin
– Syn: *Tringa alpina* L.
Skrjabinoclava tupacincai (Man, NB, Sask)
Stellocaronema skrjabini (BC, Alta, Man, NB, Sask)
Viktorocara limosae (BC)

Calidris bairdii (Coues)
– Baird's Sandpiper
– Syn: *Actodromus bairdii* Coues
Echinuria uncinata (Alta)
Eulimdana species (Alta, NS, Sask)

Calidris himantopus (Bonaparte)
– Stilt Sandpiper
– Syn: *Tringa himantopus* Bonaparte

Eulimdana florencae (Alta, Sask)
Stellocaronema skrjabini (Alta, NB, Sask)

Calidris mauri (Cabanis)
– Western Sandpiper
– Syn: *Ereunetes mauri* Cabanis
Stellocaronema skrjabini (BC)

Calidris minutilla (Vieillot)
– Least Sandpiper
– Syn: *Tringa minutilla* Vieillot
Stellocaronema skrjabini (Alta, NB, Sask)

Calidris pusilla (L.)
– Semipalmated Sandpiper
– Syn: *Tringa pusilla* L.
Echinuria uncinata (Alta, Man, NB, Sask)
Eulimdana species (Alta, NS, Sask)
Skrjabinoclava bakeri (Alta, NB, NS, Ont)
Skrjabinoclava morrisoni (Alta, Man, NB, NS, Ont, Sask)
Skrjabinoclava pusillae (Alta, Man, NB, NS, Ont, Sask)
Skrjabinoclava tupacincai (Man, NB, Sask)
Skrjabinoclava unidentified larvae (Alta, Man, NB, NS, Ont, Sask)
Stellocaronema skrjabini (Alta, NB, Sask)
Viktorocara limosae (Alta, Man, NB)

Catoptrophorus semipalmatus inornatus (Brewster)
– Western Willet
Ancyracanthopsis heardi (Alta)
Ancyracanthopsis winegardi (Alta, Man)
Cosmocephalus obvelatus (Alta)
Echinuria uncinata (Alta, Man)
Eulimdana juventarum (Alta, Man)
Schistorophus skrjabini (Alta, Man)
Sciadiocara bihamata (Alta, BC, Man)
Sciadiocara umbellifera (Alta, Man)
Skrjabinocerca prima (Alta)
Skrjabinoclava inornatae (Alta, Man)
Sobolevicephalus lichtenfelsi (Alta, Man)
Stellocaronema skrjabini (Alta, Man, NB, Sask)
Streptocara species (Alta)
Tetrameres species (Alta)
Viktorocara capillaris (Alta, Ont)
Viktorocara limosae (Alta, Man)

Gallinago gallinago (L.)
– Common Snipe
– Syns: *Capella gallinago* (L.)
Scolopax gallinago L.
Capillaria contorta (Nfld)
Cosmocephalus capellae (Ont)

Limnodromus scolopaceus (Say)
– Long-billed Curlew
– Syn: *Limosa scolopacea* Say
Stellocaronema skrjabini (Alta)

Limosa fedoa (L.)
– Marbled Godwit
– Syn: *Scolopax fedoa* L.
Ancyracanthopsis coronata (Alta, Man)
Ancyracanthopsis winegardi (Alta, Man)
Cosmocephalus obvelatus (Alta)
Echinuria uncinata (Alta, Man)
Eulimdana species (Alta, NS, Sask)
Sciadiocara bihamata (Alta, Man)
Sciadiocara umbellifera (Alta)
Skrjabinoclava kritscheri (Alta, Man)
Sobolevicephalus lichtenfelsi (Alta, Man)
Stellocaronema skrjabini (Alta, Man)
Viktorocara capillaris (Alta, Man)
Vikotorcara limosae (Alta, Man)

Numenius americanus Bechstein
– Long-billed Curlew
Acuaria species (Alta)
Ancyracanthopsis winegardi (Alta, Man)
Pectinospirura argentata (Alta)
Physocephalus sexalatus third-stage larvae (Alta, Man)
Schistorophus skrjabini (Alta, Man)
Sciadiocara umbellifera (Alta)

Scolopax minor (Gmelin)
– American Woodcock
Cardiofilaria pavlovskyi (Ont)

Tringa flavipes (Gmelin)
– Lesser Yellowlegs
– Syn: *Scolopax flavipes* Gmelin
Cosmocephalus obvelatus (Alta)

Tringa melanoleuca (Gmelin)
– Greater Yellowlegs
– Syn: *Scolopax melanoleuca* Gmelin
Stellocaronema skrjabini (Man)

SUBFAMILY PHALAROPODINAE

Phalaropus lobatus (L.)
– Red-necked phalarope
– Syn: *Tringa lobata* L.
Eulimdana pseudolari (NB)

Phalaropus tricolor (Vieillot)
– Wilson's Phalarope
– Syn: *Steganopus tricolor* Vieillot
Cosmocephalus obvelatus (Alta)
Echinuria uncinata (Alta, Man)
Eulimdana asperum (Alta, Man)
Skrjabinocerca prima (Alta)

SUBORDER LARI

FAMILY LARIDAE
SUBFAMILY LARINAE

Larus argentatus Pont.
– Herring Gull
Capillaria contorta (Nfld)
Contracaecum spiculigerum (Nfld)
Contracaecum species (Nfld)
Cosmocephalus obvelatus (Nfld, Que)
Cyathostoma lari (Nfld)
Paracuaria adunca (BC)
Porrocaecum semiteres (Nfld)
Robertdollfusa species (Nfld)
Streptocara tridentata (Nfld)

Larus canus L.
– Mew Gull
Paracuaria adunca (BC)

Larus californicus Lawrence
– California Gull
Aprocta turgida (Alta)

Larus delawarensis Ord
– Ring-billed Gull
Aprocta turgida (Alta)
Capillaria species (Ont)
Cosmocephalus obvelatus (Ont)
Paracuaria adunca (Ont)
Pectinospirura argentata (Ont)
Skrjabinoclava inornata (Ont)
Tetrameres species (Ont)

Larus glaucescens Naumann
– Glaucous-winged Gull
Paracuaria adunca (BC)

Larus marinus L.
– Great Black-backed Gull
Contracaecum spiculigerum (Nfld)
Cosmocephalus obvelatus (Nfld)
Paracuaria adunca (Atlantic coast)

Larus pipixcan Wagler
– Franklin's Gull
Eulimdana species (Alta, NS, Sask)
Paracuaria adunca (midwest)

Larus thayeri Brooks
– Thayer's Gull
Paracuaria adunca (BC)
Streptocara c. crassicauda (BC)

Rissa tridactyla (L.)
– Black-legged Kittiwake
– Syn: *Larus tridactyla* L.
Contracaecum spiculigerum (Nfld)
Cosmocephalus obvelatus (Nfld)

SUBFAMILY STERNINAE

Chlidonias niger (L.)
– Black Tern
– Syn: *Sterna niger* L.
Eulimdana species (Alta, NS, Sask)

Sterna hirundo L.
– Common Tern
Eulimdana species (Alta, NS, Sask)

SUBORDER ALCAE

FAMILY ALCIDAE

Alca torda L.
– Razorbill
Contracaecum spiculigerum (Nfld)

Cepphus columba Pallas
– Pigeon Guillemot
Paracuaria adunca (BC)
Streptocara c. crassicauda (BC)

Uria aalge (Pont.)
– Common Murre
– Syn: *Colymbus aalge* Pont.
Contracaecum spiculigerum (Nfld)
Cosmocephalus obvelatus (Nfld)
Eustrongylides mergorum (Nfld)
Paracuaria adunca (BC)

Uria lomvia (L.)
– Thick-billed Murre
– Syn: *Alca lomvia* L.
Contracaecum spiculigerum (Nfld)
Eustrongylides mergorum (Nfld)
Stegophorus stellae-pollaris (Nfld)

ORDER COLUMBIFORMES
SUBORDER COLUMBAE

FAMILY COLUMBIDAE

Columba livia Gmelin
– Rock Dove
– Syn: *Columba domestica livia* Gmelin
Ornithostrongylus quadriradiatus (Ont)

Columba species
– Pigeon
Ornithostrongylus quadriradiatus (unspecified)

ORDER STRIGIFORMES

FAMILY STRIGIDAE

Asio flammeus (Pont.)
– Short-eared Owl
– Syn: *Strix flammea* Pont.
Hamatospiculum species (Que)

Asio otus (L.)
– Long-eared Owl
– Syn: *Strix otus* L.
Cardiofilaria pavlovskyi (Ont)
Lemdana wernaarti (Ont)
Splendidofilaria caperata (Ont)
Splendidofilaria species (Ont)

Bubo virginianus (Gmelin)
– Great Horned Owl
– Syn: *Strix virginianus* Gmelin
Capillaria falconis-nisi (Que)
Cyrnea americanum (Alta)
Lemdana wernaarti (Ont)
Microtetrameres bubo (Alta)
Porrocaecum depressum (Alta, Man)
Porrocaecum trichuriforme (Ont)

Nyctea scandiaca (L.)
– Snowy Owl
– Syn: *Strix scandiaca* L.
Cyrnea longispicula (Alta)
Microtetrameres canadensis (Que)
Microtetrameres species (Alta)

"Owl"
Capillaria falconis-nisi (Que)

ORDER CORACIIFORMES
SUBORDER UPUPAE

FAMILY PHOENICULIDAE

Phoeniculus purpureus (Miller)
– Green Wood Hoopoe
Geopetitia aspiculata (Man)

SUPERFAMILY ALCEDINOIDEA
FAMILY ALCEDINIDAE
SUBFAMILY CERYLINAE

Ceryle alcyon (L.)
– Belted Kingfisher
– Syn: *Alcedo alcyon* L.
Aproctella species (Que)
Avicularielle alcyona (Ont, Que)
Capillaria species (Que)
Monopetalonema alcedinis (Ont, Que)
Splendidofilaria caperata (Ont)
Strongyloides species (Que)
Syngamus trachea (Que)

ORDER PICIFORMES
SUBORDER PICI

FAMILY CAPITONIDAE

Trachyphorus darnaudii (Prevost and Des Murs)
– d'Arnaud's Barbet
Diplotriaena darnaudii (Man)

ORDER PASSERIFORMES
SUBORDER TYRANNI

SUPERFAMILY TYRANNOIDEA
FAMILY TYRANNIDAE
SUBFAMILY TYRANNINAE

Pitangus sulphuratus (L.)
– Great Kiskadee
– Syn: *Lanius sulphuratus* L.
Geopetitia aspiculata (Man)

Tyrannus tyrannus (L.)
– Eastern Kingbird
– Syn: *Lanius tyrannus* L.
Acuaria species (Man)
Diplotriaena sylvinae (Man)
Microtetrameres species (Man)

Tyrannus verticalis Say
– Western Kingbird
Acuaria species (Man)
Diplotriaena sylvinae (Man)

SUBORDER PASSERES

FAMILY HIRUNDINIDAE
SUBFAMILY HIRUNDININAE

Hirundo pyrrhonota Vieillot
– Cliff Swallow
Splendidofilaria caperata (Alta)

Hirundo rustica L.
– Barn Swallow
Splendidofilaria algonquinensis (Ont)

Progne subis (L.)
– Purple Martin
– Syn: *Hirundo subis* L.
Diplotriaena obtusa (Ont)

Riparia riparia (L.)
– Bank Swallow
– Syn: *Hirundo riparia* L.
Diplotriaena obtusa (Ont)

FAMILY CORVIDAE

Corvus brachyrhynchos Brehm
– American Crow
Acuaria anthuris (Ont, Que)
Ascarididae unidentified larvae (Nfld)
Capillaria species (Que)
Cardiofilaria pavlovskyi (Ont)
Chandlerella chitwoodae (Ont)
Chandlerella quiscali (Ont)
Diplotriaena tricuspis (Ont)
Diplotriaena species (Que)
Eufilaria longicaudata (Ont)
Microtetrameres helix (Man, Que)
Porrocaecum ensicaudatum (Que)
Porrocaecum species (Que)
Splendidofilaria caperata (Ont)
Splendidofilaria wehri (Ont)

Corvus corax L.
– Common Raven
Cardiofilaria pavlovskyi (Ont)

Cyanocitta cristata (L.)
– Blue Jay
– Syn: *Corvus cristatus* L.
Diplotriaena tricuspis (Ont)
Pseudaprocta samueli (Ont)

Perisoreus canadensis (L.)
– Gray Jay
– Syn: *Corvus canadensis* L.
Diplotriaena utae (Ont)

FAMILY PYCNONOTIDAE

Pycnonotus cafer (L.)
– Red-vented Bulbul
– Syn: *Turdus cafer* L.
Geopetitia aspiculata (Man)

Pycnonotus jocosus (L.)
– Red-whiskered Bulbul
– Syn: *Lanius jocosus* L.
Geopetitia aspiculata (Man)

FAMILY IRENIDAE

Chloropsis hardwikei Jardine and Selby
– Orange-bellied Leafbird
Geopetitia aspiculata (Man)

Irena puella (Latham)
– Blue-backed Fairy Bluebird
Geopetitia aspiculata (Man)

FAMILY MUSCICAPIDAE
SUBFAMILY MONARCHINAE

Sialia currucoides (Bechstein)
– Mountain Bluebird
– Syn: *Motacilla currucoides* Bechstein
Diplotriaena pungens (Alta)

SUBFAMILY TURDINAE

Catharus fuscescens (Stephens)
– Veery
– Syn: *Turdus fuscescens* Stephens
Aproctella stoddardi (Ont)
Diplotriaena bargusinica (Ont)

Catharus ustulatus (Nuttall)
– Swainson's Thrush
– Syn: *Turdus ustulatus* Nuttall
Aproctella stoddardi (Ont)
Cardiofilaria pavlovskyi (Ont)
Diplotriaena bargusinica (Ont)
Splendidofilaria wehri (Ont)

Hylocichla mustelina (Gmelin)
– Wood Thrush
– Syn: *Turdus mustelinus* Gmelin
Cardiofilaria pavlovskyi (Ont)

Myiophoneus caeruleus (Scopoli)
– Himalayan Whistling Thrush
Geopetitia aspiculata (Man)

Turdus migratorius L.
– American Robin
Capillaria caudinflata (Que)
Cardiofilaria pavlovskyi (Ont)
Porrocaecum ensicaudatum (Ont, Que)
Porrocaecum species (Que)
Slendidofilaria caperata (Ont)

SUBFAMILY TIMALIINAE

Minla cyanouroptera (Hodgson)
– Blue-winged Minla
Geopetitia aspiculata (Man)

FAMILY BOMBYCILLIDAE

Bombycilla cedrorum Vieillot
– Ceder Waxwing
Cosmocephalus obvelatus (Nfld)

FAMILY STURNIDAE
SUBFAMILY STURNINAE

Sturnus vulgaris L.
– European Starling
Capillaria ovopunctatum (Que)
Cardiofilaria pavlovskyi (Ont)
Eufilaria sturninus (Ont)
Porrocaecum ensicaudatum (Ont)
Splendidofilaria caperata (Ont)

FAMILY EMBERIZIDAE
SUBFAMILY PARULINAE

Dendroica coronata (L.)
– Yellow-rumped Warbler
– Syn: *Motacilla coronata* L.
Aproctella stoddardi (Ont)

Dendroica magnolia (Wilson)
– Magnolia Warbler
– Syn: *Sylvia magnolia* Wilson
Diplotriaena agelaius (Ont)

Dendroica pensylvanica (L.)
– Chestnut-sided Warbler
– Syn: *Motacilla pensylvanica* L.
Diplotriaena agelaius (Ont)

Geothlypis trichas (L.)
– Common Yellowthroat
– Syn: *Turdus trichas* L.
Aproctella stoddardi (Ont)
Pelecitus tubercauda (Ont)

Seiurus aurocapillus (L.)
– Ovenbird
– Syn: *Motacilla aurocapilla* L.
Aproctella stoddardi (Ont)
Cardiofilaria pavlovskyi (Ont)
Diplotriaena agelaius (Ont)

Seiurus noveboracensis (Gmelin)
– Northern Waterthrush
– Syn: *Motacilla noveboracensis* Gmelin
Syngamus trachea (Nfld)

Vermivora ruficapilla (Wilson)
– Nashville Warbler
– Syn: *Sylvia ruficapilla* Wilson
Diplotriaena agelaius (Ont)
Diplotriaena ozouxi (Ont)
Diplotriaena species (Ont)

Wilsonia canadensis (L.)
– Canada Warbler
– Syn: *Muscicapa canadensis* L.
Diplotriaena agelaius (Ont)

SUBFAMILY THRAUPINAE

Tachyphonus rufus (Boddaert)
– White-lined Tanager
– Syn: *Tangara rufa* Boddaert
Geopetitia aspiculata (Man)

Thraupis episcopus (L.)
– Blue-gray Tanager
– Syn: *Tanagra episcopus* L.
Geopetitia aspiculata (Man)

Thraupis palmarum (Wied)
– Palm Tanager
– Syn: *Tanagra palmarum* Wied
Geopetitia aspiculata (Man)

SUBFAMILY CARDINALINAE

Saltator coerulescens Vieillot
– Grayish Saltator
Geopetitia aspiculata (Man)

SUBFAMILY EMBERIZINAE

Junco hyemalis (L.)
– Dark-eyed Junco
– Syn: *Fringilla hyemalis* L.
Diplotriaena thomasi (Ont)

Melospiza melodia (Wilson)
– Song Sparrow
– Syn: *Fringilla melodia* Wilson
Splendidofilaria caperata (Ont)

Passerella iliaca (Merrem)
- Fox Sparrow
- Syn: *Fringilla iliaca* Merrem
Capillaria contorta (Nfld)
Porrocaecum brevispiculum (Nfld)
Syngamus trachea (Nfld)

Pipilo erythropthalmus (L.)
– Rufous-sided Towhee
– Syn: *Fringilla erythropthalmus* L.
Capillaria tridens (Man)

Pooecetes gramineus (Gmelin)
– Vesper Sparrow

– Syn: *Fringilla graminea* Gmelin
Diplotriaena ozouxi (Ont)

Zonotrichia albicollis (Gmelin)
– White-throated Sparrow
– Syn: *Fringilla albicollis* Gmelin
Aproctella stoddardi (Ont)
Diplotriaena thomasi (Ont)

Zonotrichia leucophrys (Forster)
– White-crowned Sparrow
– Syn: *Emberiza leucophrys* Forster
Diplotriaena thomasi (Ont)

SUBFAMILY ICTERINAE

Agelaius phoeniceus (L.)
– Red-winged Blackbird
– Syn: *Oriolus phoeniceus* L.
Diplotriaena bargusinica (Man)
Diplotriaena species (Ont)
Dispharynx nasuta (Man, Que)
Microtetrameres species (Man, Que)
Porrocaecum species (Que)
Splendidofilaria caperata (Ont)
Syngamus trachea (Que)
Tetrameres species (Man)

Icterus galbula (L.)
– Northern Oriole
– Syn: *Coracias galbula* L.
Cardiofilaria pavlovskyi (Ont)

Molothrus ater (Boddaert)
– Brown-headed Cowbird
– Syn: *Oriolus ater* Boddaert
Porrocaecum ensicaudatum (Que)

Quiscalus quiscula (L.)
– Common Grackle
Chandlerella quiscali (Ont)
Diplotriaena agelaius (Ont)
Diplotriaena bargusinica (Ont)
Diplotriaena pungens (Man)
Diplotriaena species (Ont)
Porrocaecum ensicaudatum (Ont, Que)
Splendidofilaria caperata (Ont)

Quiscalus quiscula versicolor Vieillot
– Bronzed Grackle
Capillaria ovopunctatum (Man)
Microtetrameres species (Man)

Sturnella neglecta Audubon
– Western meadowlark
Quadriplotriaena hypsokysta (Alta)

Xanthocephalus xanthocephalus (Bonaparte)
– Yellow-headed Blackbird
– Syn: *Icterus xanthocephalus* Bonaparte
Diplotriaena thomasi (Man)

FAMILY FRINGILLIDAE
SUBFAMILY FRINGILLINAE

Padda oryzivora (L.)
– Java Sparrow
– Syn: *Loxia oryzivora* L.
Eufilaria mcintoshi (Ont)
Chandlerella chitwoodae (Ont)

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